

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NO.	FILING DATE .	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/894,123	06/29/2001	Katsumi Kikuchi	Q65269	5729	
75	590 09/18/2002				
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC			EXAMINER		
2100 Pennsylva Washington, Do	nia Avenue, N.W. C 20037-3213		COLEMAN, WILLIAM D		
			ART UNIT	PAPER NUMBER	
			2823		

DATE MAILED: 09/18/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

				<u>am</u>			
÷1	•	Application No.	Applicant(s)				
		09/894,123	KIKUCHI ET AL.				
	Office Action Summary	Examiner	Art Unit				
		W. David Coleman	2823				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply							
THE - External afternal aftern	MORTENED STATUTORY PERIOD FOR REPLY MAILING DATE OF THIS COMMUNICATION. ensions of time may be available under the provisions of 37 CFR 1.13 or SIX (6) MONTHS from the mailing date of this communication. e period for reply specified above is less than thirty (30) days, a reply operiod for reply is specified above, the maximum statutory period variet to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing led patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a y within the statutory minimum of thin vill apply and will expire SIX (6) MOI cause the application to become A	reply be timely filed ty (30) days will be considered timely. NTHS from the mailing date of this com BANDONED (35 U.S.C. § 133).	munication.			
Status							
1)🛛	Responsive to communication(s) filed on <u>07 S</u>						
2a) 🗌	, —	is action is non-final.					
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims							
·							
4)△	Claim(s) <u>1-41</u> is/are pending in the application 4a) Of the above claim(s) is/are withdraw						
5\[\]	Claim(s) is/are allowed.	with thorn consideration.					
			•				
_	6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to.						
7)∐	•	alastian manimum aut					
	Claim(s) <u>11-41</u> are subject to restriction and/or ion Papers	election requirement.					
	The specification is objected to by the Examine	r					
10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.							
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.							
,	If approved, corrected drawings are required in reply to this Office action.						
12) The oath or declaration is objected to by the Examiner.							
Priority (under 35 U.S.C. §§ 119 and 120						
13)⊠ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).							
a)⊠ All b)□ Some * c)□ None of:							
•	1.⊠ Certified copies of the priority documents	s have been received.					
	2. Certified copies of the priority documents		application No.				
	Copies of the certified copies of the prior application from the International But	ity documents have been	-	tage			
* 5	See the attached detailed Office action for a list		received.				
14) 🔲 /	14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).						
	a) The translation of the foreign language pro Acknowledgment is made of a claim for domesti	* *					
Attachmer			. 00 1-2				
2) 🔲 Notic	ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO-948) rmation Disclosure Statement(s) (PTO-1449) Paper No(s)	5) Notice of	Summary (PTO-413) Paper No(s) Informal Patent Application (PTO-				

Application/Control Number: 09/894,123

Art Unit: 2823

DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - Claims 1-17, drawn to semiconductor device package, classified in class 257, subclass 678.
 - II. Claims 18-41, drawn to method of packaging a semiconductor device, classified in class 438, subclass 106.
- 2. Inventions II and I are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the product as claimed can be made by another and materially different process. For example, instead of forming openings in the base metal plate the base metal plate can have preformed openings for receiving a semiconductor chip.
- 3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.
- 4. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to W. David Coleman whose telephone number is 703-305-0004. The examiner can normally be reached on 9:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wael M. Fahmy can be reached on 703-308-4918. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7722 for regular communications and 703-308-7721 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

W. David Coleman

Examiner Art Unit 2823

WDC

September 12, 2002